



## TCG1000 Time Code Generator



### Key Features

- Generates time codes from a reference input
- Multi-format reference input
- Many Output Options
- Small size ,stand alone box

### Introduction

Many of our products have time code options such as NTP, IRIG-B, NMEA0183 and BCD to name a few. These options use our TCG1000 card and now this card is available as a stand alone model.

### Detailed Description

The TCG1000 accepts various types of reference inputs and generates accurate time codes from the reference input.

The reference inputs include the following:

- NTP Client via 10/100 MB Ethernet
- 10 MHz sinewave input
- ASCII Code format 0 or format 1
- NENA 911 PSAP Standard
- NMEA 0183
- IRIG-A, IRIG-B, IRIG-E

From the reference input the following time codes can be generated:

- NTP server via 10/100 MB Ethernet
- IRIG-B AM and TTL
- IRIG-A and IRIG-E
- SMPTE / EBU
- NMEA 0183
- 1 pps TTL

## Options

Many options are available such as a programmable relay. The relay can either be a normally closed or normally open contact and can be scheduled to operate on an event.

## Software

WinDiscover software is supplied for free which enables automatic discovery of NTP clocks attached to a network without having to change the PC's networking configuration.

The TCG1000 can be configured via the Ethernet port of a PC. It supports DHCP/BOOTP for automatic acquisition of network address, nameservers and time server configuration.

Networking parameters such as time zone/daylight saving can also be configured.

The configuration is saved in non-volatile memory and units can be password protected.

## Mechanical

The TCG1000 is supplied in a aluminium case measuring 172 x 105 x 38 mm and weights less than 500 grams.

## Miscellaneous

The TCG1000 is powered from a 12-30 V DC input or an AC adapter type power supply can be provided. It consumes less than 10W and is CE marked for sale in the EU.

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Full specifications available from [www.ptsyst.com](http://www.ptsyst.com). Specifications and features subject to change without notice (110816)